

Plainwell No. 2 Dam Area Time-Critical Removal Action Weekly Construction Update

Progress Report #5—September 14, 2009

Work Completed: September 3 – September 9, 2009

- Began and completed the installation of a triple layer of geosynthetics across the footprint of Staging Area 3. Layers include a 40-mil HDPE flexible membrane liner between two layers of protective non-woven geotextile. Geosynthetics were installed by American Environmental Group Ltd.
- Continued constructing Staging Area 3 by installing 21AA and 6A aggregate on top of the installed geosynthetic layers.
- Continued constructing a haul road to access Removal Areas 1 through 5A. Aggregate for the construction of this haul road is being reused from existing haul roads developed for the former Plainwell Impoundment TCRA project.
- After removal of aggregate, completed installing and grading topsoil in the beds of former haul roads located in the former Plainwell Impoundment TCRA project area.
- Continued clearing and grubbing activities in Removal Areas 1 through 5A.
- No activities were completed Monday, September 7th in observance of the Labor Day holiday.

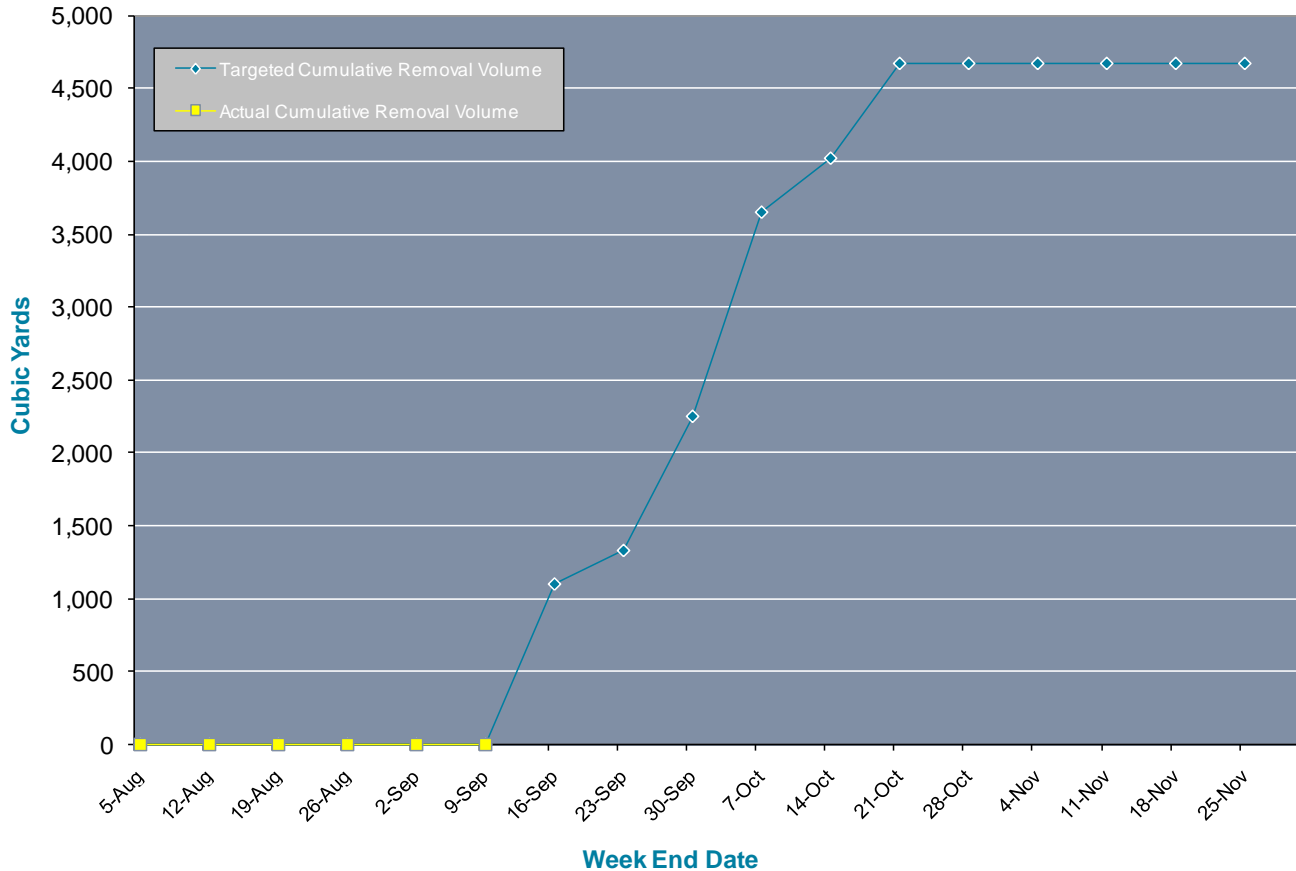
Estimated Weekly Volume Hauled to Non-TSCA Landfill Facilities		
Date	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	0	0
2009 Total	0	0

Note: All values are unofficial, estimated quantities, subject to revision/verification.

Work Planned: September 10 – September 16, 2009

- Continue the construction of a haul road to access Removal Areas 1 through 5A.
- Continue clearing and grubbing activities in Removal Areas 1 through 5A.
- Continue installing construction activities associated with Staging Area 3. Activities will include the completion of 21AA and 6A aggregate installation on top of the geosynthetics and mobilization of a pug mill and a temporary water treatment system to the area.
- Begin installation of a resuspension control system in Removal Area 1.

Removal Progress – 2009

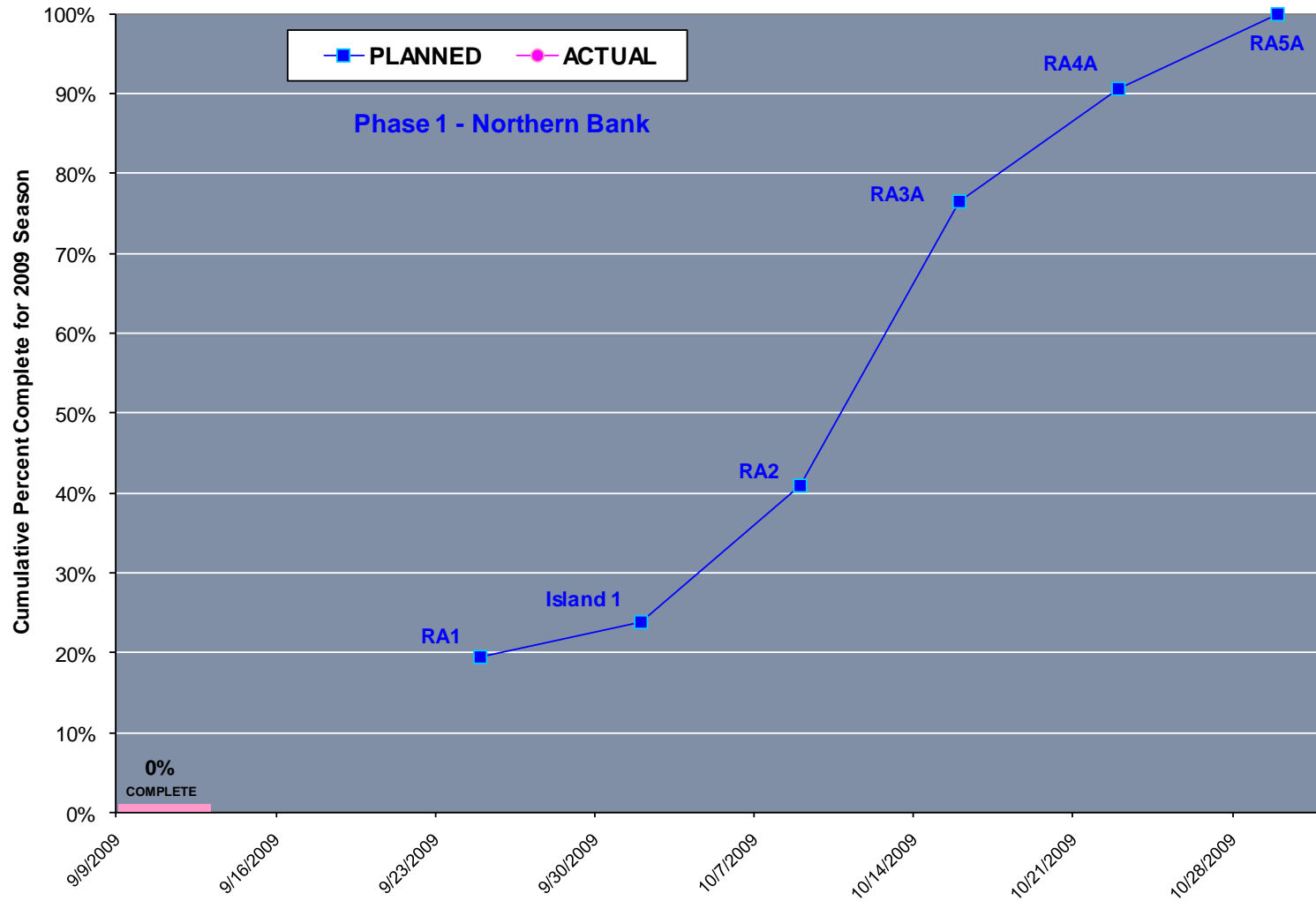


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling.

Removal Progress – 2009



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell No. 2 Dam Area Design Report.

Health & Safety Update

- 3 Loss Prevention Observations (LPOs) were completed during this period.
A total of 15 LPOs have been completed for the project to date.

Weather Summary

- No weather delays encountered.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 0 gallons (Staging Area 3)

Testing Performed this Week? No ☒ Yes ☐

Exceedances? N/A ☒ No ☐ Yes ☐ If yes, explain:

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐ (if yes, list Removal Area here)

Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

Equipment on Site

Equipment List	Number Onsite
Komatsu PC-400 Excavator	1
Komatsu PC-300 Excavator w/Shear Attachment	1
Komatsu PC-200 Excavator	1
John Deere JD-50 Mini-Excavator	1
John Deere 450 Dozer	1
Komatsu D51 Dozer	1
Komatsu D61 Dozer	1
Komatsu 380 loader	1
Volvo Loader	1
Sakai Smooth Drum Roller	1
Vermeer Stump Grinder	1
Vermeer Chipper	1
2,000 gallon water truck	1
Komatsu 300 Off Road Truck	1
Rented Hertz Fork Lift	1

Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	9/03/09	9/04/09	9/05/09	9/06/09	9/07/09	9/08/09	9/09/09
Terra Contracting Staff	14	14				14	14
American Environmental Group		8					2
Georgia-Pacific Staff							
Garry Griffith							
Chase Fortenberry							
Rich Garner							
ARCADIS Staff							
EJ Suardini	X	X				X	X
Michelle Rumler							
Mike Kohagen	X	X				X	X
Ben Lawrence	X	X				X	X
Nick Harmer	X	X					X
Steve Garbaciak							
Scott Harcus						X	X
Eric Hritsuk	X	X				X	X
Matt Bowman	X						
Oversight Personnel							
Mike Ribordy/USEPA OSC							
Sam Borries/USEPA OSC							
Weston Personnel							
Other Agency Staff							
Paul Bucholtz/MDEQ							
CDM Personnel							

**Plainwell No. 2 Dam Area
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Weekly Construction Update
Progress Report #5
Page 6 of 7**

Photos from September 3 – September 9, 2009



Installing geosynthetics at Staging Area 3.



Clearing activities near Removal Area 2A.

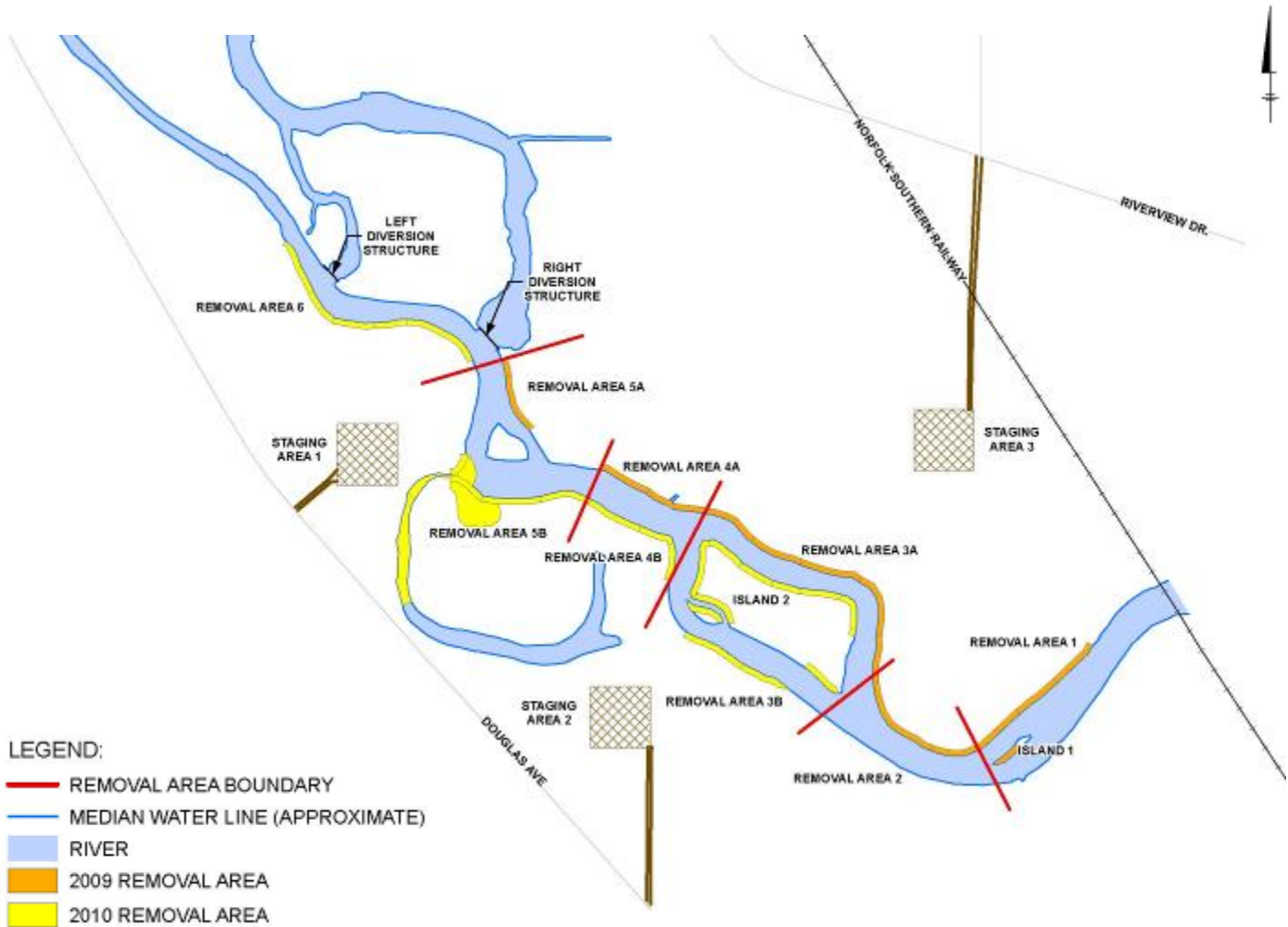


Installing a protective layer of aggregate material
at Staging Area 3.



Installing topsoil in the former Plainwell
Impoundment TCRA project area after aggregate
removal and reuse.

Targeted Removal Areas – Plainwell No. 2 Dam Area



Notes:

All dimensions and features represented on this map are approximate. Actual locations of access roads and staging areas and final boundaries of removal areas will be determined at the time of construction.